

**21—68.35(192) Dairy farm water supply.**

**68.35(1)** Water for milk house and milking operations shall be from a supply properly located, protected, and operated and shall be easily accessible, adequate and of a safe, sanitary quality.

**68.35(2)** A Grade A permit shall not be issued to an applicant when the water well supplying the dairy facility is located in a well pit.

**68.35(3)** New well construction or the reconstruction of an existing well supplying the dairy facility shall be constructed according to 567—Chapter 49, Iowa Administrative Code.

**68.35(4)** Frost-free hydrants shall be located at least ten feet from the well that supplies the water for the dairy facility unless a written variance is granted by the department.

**68.35(5)** The department encourages the use of high-pressure washers for use in the dairy facility. However, they can create a negative pressure and contaminate the water supply system because of their capability to pump at a faster rate than water can be supplied if not properly installed and operated.

The dairy facility water supply system shall be protected from overpumping by a high-pressure washer by one of the following:

1. A separate water supply.
2. By supplying the high-pressure washer from a surge tank that is isolated from the main water supply system by an air gap.
3. A low-pressure cutoff switch.
4. A device built into the high-pressure washer by the manufacturer and approved by the department.
5. Any other device installed in the system to prevent a negative pressure to the supply system that is approved by the department.

This rule is intended to implement Iowa Code chapter 192.